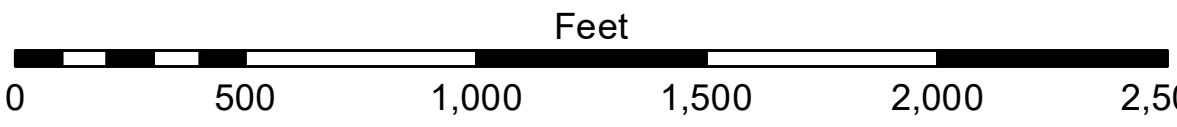


**LEGEND**

--- Federal Navigation Channel	○ Cable Area	■ Shoaling Area	■ 0' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	■ 0' to -5'
— As-built Pipeline/Cable	□ Anchorage Area	☆ Beacon, General	■ -5' to -10'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	★ Red Navigation Buoy	■ -10' to -20'
— Project Depth Contour	⚓ Wrecks-Submerged	◆ Green Navigation Buoy	■ -20' to -30'
			■ -30' to -35'
			■ -35' to -40'
			■ -40' to 45'
			■ -45' and below

**LWRP:** 1.7  
**Gage Reading:** BR:35.6 D:24.8 USED:28.4 NAVD  
**Sea Conditions:** CALM  
**Vessel Name:** OB-189  
**Survey Type:** CONDITION  
**Sounding Frequency\*\*\*:** HIGH

**NOTES:**  
 Horizontal Coordinate System:  
 North American Datum of 1983 (NAD83), projected to the State Plane  
 Coordinate System (SPCS), Louisiana South Zone. Distance units in U.S. Survey Feet.  
 Vertical Datum:  
 Soundings are shown in feet and indicate depths below Low Water Reference Plane 2007 (NAVD).  
 Distances on the Mississippi River, above and below Head of Passes are shown  
 at 1 mile intervals.  
 The location of navigation aids are base on and provided by the U.S. Coast Guard and USACE crew.  
 2017 Aerial Photography data source: NAIP, USDA-FSA-APFO Aerial Photography Field Office.  
 Reference is N.O.A. Navigation Chart No. 11370.  
 \*\*\* Shoalest Sounding per Quarter per Reach.



**DISCLAIMER:** The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that they are not to be used for any purpose other than that for which they were prepared. The user is responsible for the results of any use of these data. The United States Government makes no warranty, expressed or implied, concerning the accuracy, completeness, reliability, or suitability for any particular purpose of the information furnished. The recipient may not transfer these data to others without the written consent of the U.S. Army Corps of Engineers. The recipient may not transfer these data to others without the written consent of the U.S. Army Corps of Engineers. The recipient may not transfer these data to others without the written consent of the U.S. Army Corps of Engineers. The recipient may not transfer these data to others without the written consent of the U.S. Army Corps of Engineers.

U.S. ARMY CORPS OF ENGINEERS  
NEW ORLEANS DISTRICT

Surveyed By: RYLAND/ADAMS	Plotted By: BD	Checked By: AC
Submitted:	Chief, Survey Section	Chief, Waterways Maintenance Section

**MISSISSIPPI RIVER - B.R. TO GULF**  
**WHITE CASTLE - SHEET 2**  
**MD\_15\_WC2X\_20210330\_CS**  
**30 March 2021**

**Sheet Reference Number**  
**15 of 97**

Revision Number: 4.1-20191105